MACTEC
engineering and constructing a better tomorrow

Daily Engineering Control Verification Sampling
General Services Administration
Department of the Interior Modernization Program
1849 C Street NW, Washington, DC

Week ending: 03/05/2009

Note 1: TVOC = Total Volatile Organic Compounds, which is the total concentration of any volatile organic compounds that may be present. Volatile organic compounds are organic chemicals that have a high vapor pressure and easily form vapors at normal temperature. While there is currently no Permissible Exposure Limit (PEL) for TVOCs, an action level of 1.3 parts per million (ppm) has been established for this project based on best available research.

Note 2: OSHA Total and Respirable Particulate PEL = 15.0 milligrams per cubic meter of air (mg/m^3) for total particulates, 5.0 mg/m^3 for respirable particulates.

Friday: 02/27/2009

Floor	Location	Time	Total Particulates (mg/m^3)	TVOC (ppm)	Comments
7	Along main corridor between wing 4&2	1103	0.020	0.0	
6	Along main corridor between wing 2&4	1105	0.017	0.0	
5	Along main corridor between wing 4&2	1107	0.011	0.0	
4	Along main corridor between wing 2&4	1109	0.013	0.0	
3	Along main corridor between wing 4&2	1111	0.015	0.0	
2	Along main corridor between wing 2&4	1113	0.022	0.0	
1	Along main corridor between wing 4&2	1115	0.021	0.0	
B	Along main corridor between wing 2&4	1117	0.035	0.0	
					*calibrated TVOC and Dust Trak

Monday: 03/02/2009

Floor	Location	Time	Total Particulates (mg/m^3)	TVOC (ppm)	Comments
7	Along main corridor between wing 4&2				
6	Along main corridor between wing 2&4				
5	Along main corridor between wing 4&2				
4	Along main corridor between wing 2&4				
3	Along main corridor between wing 4&2				
2	Along main corridor between wing 2&4				
1	Along main corridor between wing 4&2				
B	Along main corridor between wing 2&4				

MACTEC representative unable to arrive on-site due to weather conditions.

Tuesday: 03/03/2009

Floor	Location	Time	Total Particulates (mg/m^3)	TVOC (ppm)	Comments
7	Along main corridor between wing 4&2	1031	0.018	0.0	
6	Along main corridor between wing 2&4	1033	0.011	0.0	
5	Along main corridor between wing 4&2	1035	0.005	0.0	
4	Along main corridor between wing 2&4	1037	0.004	0.0	
3	Along main corridor between wing 4&2	1039	0.003	0.0	
2	Along main corridor between wing 2&4	1101	0.019	0.0	
1	Along main corridor between wing 4&2	1103	0.016	0.0	
B	Along main corridor between wing 2&4	1105	0.028	0.0	
					*calibrated TVOC and Dust Trak

Wednesday: 03/04/2009

Floor	Location	Time	Total Particulates (mg/m^3)	TVOC (ppm)	Comments
7	Along main corridor between wing 4&2	0950	0.011	0.0	
6	Along main corridor between wing 2&4	0952	0.004	0.0	
5	Along main corridor between wing 4&2	0954	0.005	0.0	
4	Along main corridor between wing 2&4	0956	0.003	0.0	
3	Along main corridor between wing 4&2	0958	0.004	0.0	
2	Along main corridor between wing 2&4	1000	0.006	0.0	
1	Along main corridor between wing 4&2	1002	0.008	0.0	
B	Along main corridor between wing 2&4	1004	0.016	0.0	
					*calibrated TVOC and Dust Trak

Thursday: 03/05/2009

Floor	Location	Time	Total Particulates (mg/m^3)	TVOC (ppm)	Comments
7	Along main corridor between wing 4&2	1018	0.018	0.0	
6	Along main corridor between wing 2&4	1020	0.008	0.0	
5	Along main corridor between wing 4&2	1022	0.006	0.0	
4	Along main corridor between wing 2&4	1024	0.008	0.0	
3	Along main corridor between wing 4&2	1026	0.004	0.0	
2	Along main corridor between wing 2&4	1028	0.009	0.0	
1	Along main corridor between wing 4&2	1030	0.016	0.0	
B	Along main corridor between wing 2&4	1032	0.034	0.0	
					*calibrated TVOC and Dust Trak

Follow-Up Sampling in Areas with Results Above Established Action Levels

Floor	Location	Retest Time	Total Particulates (mg/m^3)	TVOC (ppm)	Comments
	N/A				

Additional Comments

Date	Floor	Comments

for Chelsea Ford w/ permission

Chelsea L. Ford
Industrial Hygienist

Christopher P. Williams, CIH
Project Manager

Distribution

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